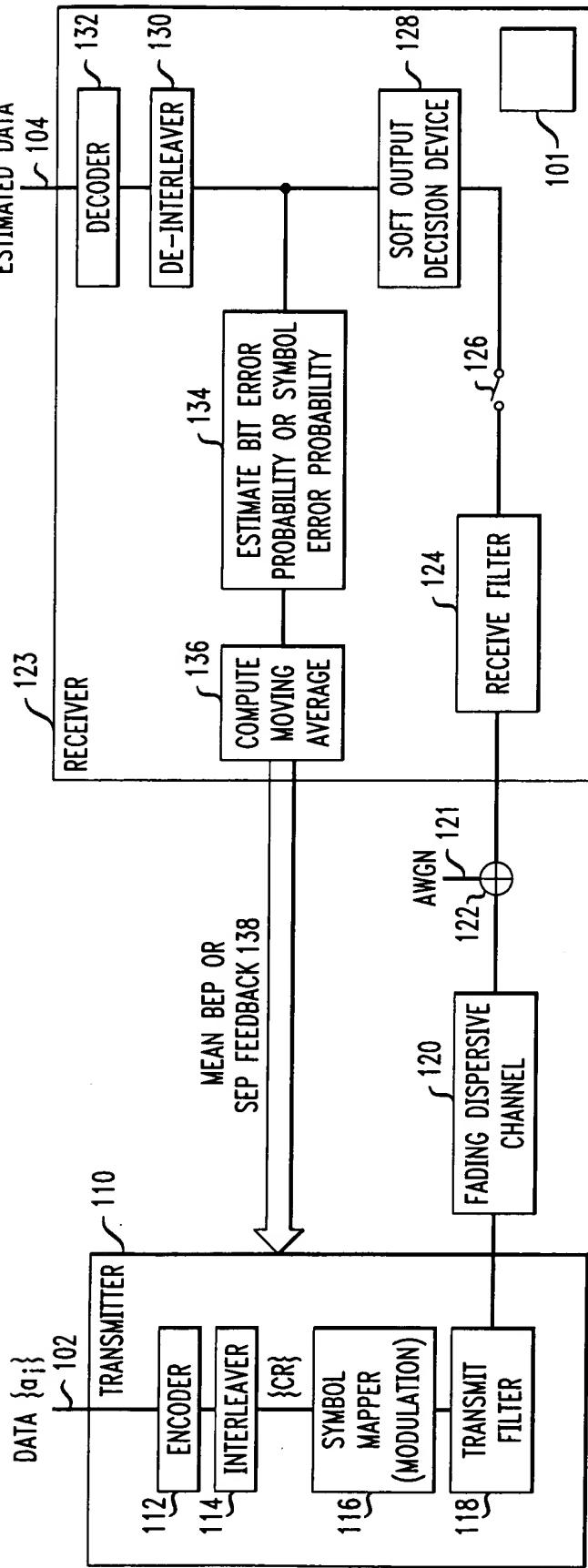




FIG. 1
BLOCK DIAGRAM OF SYSTEM



AWGN - ADDITIVE WHITE GAUSSIAN NOISE
 MAP - MAXIMUM A POSTERIORI (BCJR - BAHL, COCKE, JELINEK AND RAVIV [3])
 SOVA - SOFT OUTPUT VITERBI ALGORITHM

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FIG. 2
 COMPUTATION OF MEAN SEP (METHOD 1)

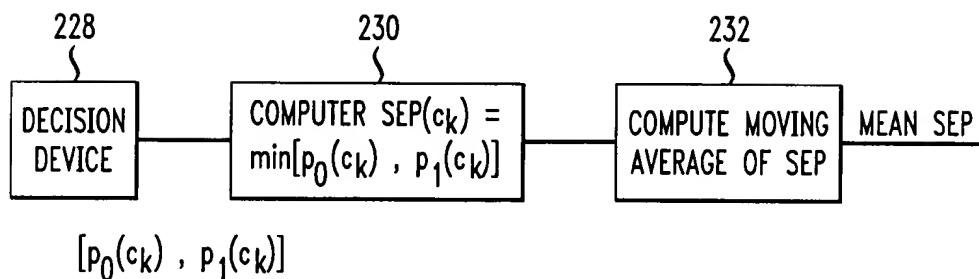
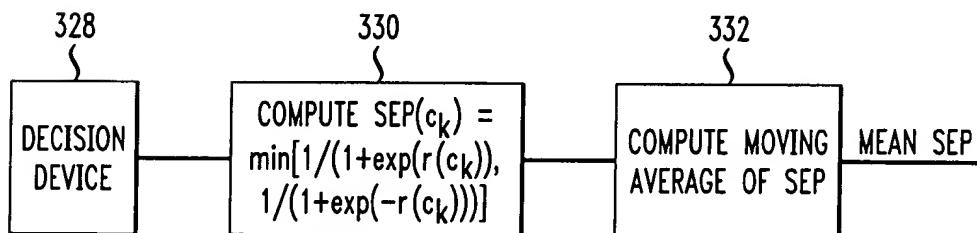


FIG. 3
 COMPUTATION OF MEAN SEP (METHOD 2)



$$r(c_k) = \log(p_1(c_k)) - \log(p_0(c_k))$$

FIG. 4
USE OF MEAN BEP OR SEP FOR RATE
ADAPTATION AND POWER CONTROL

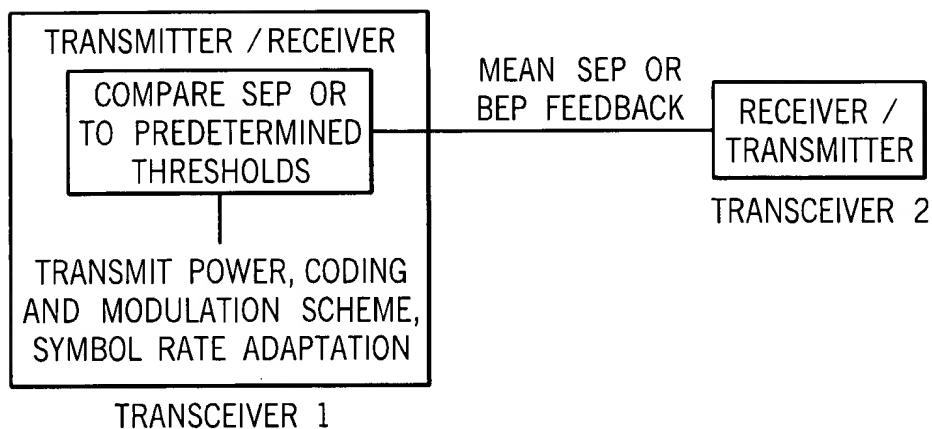
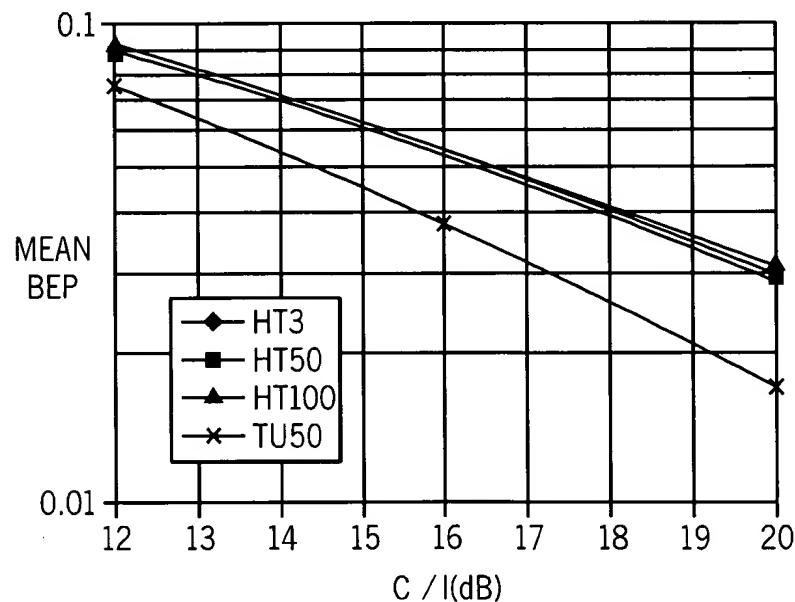


FIG. 6
MEAN BIT ERROR PROBABILITY ESTIMATE FOR DIFFERENT ENVIRONMENTS AND
MOBILE SPEEDS; HT3 REPRESENTS THE CHANNEL MODEL FOR A MOBILE
SPEED OF 3 km / h IN A HILLY TERRAIN ENVIRONMENT



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FIG. 5

